

7/23/98

59 U.S. PTO

Please type a plus sign (+) inside this box → ☐Approved for use through 09/30/00. OMB 0651-0002
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. GP091-02.UT Total Pages 53

First Named Inventor or Application Identifier

Harvey et al. - Methods for Detecting and
Measuring Spliced Nucleic Acids-

Express Mail Label No. EE090188908US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form - 1pg.
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages 48]
(preferred arrangement set forth below)
- Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets 3]
4. Oath or Declaration [Total Pages 2]
- a. ☒ Newly ~~executed~~ ^{unsigned} (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a
copy of the oath or declaration is supplied under Box 4b,
is considered as being part of the disclosure of the
accompanying application and is hereby incorporated by
reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☒ Computer Readable Copy
- b. ☒ Paper Copy (identical to computer copy) - 7 pgs.
- c. ☒ Statement verifying identity of above copies - 1 pg.

ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☐ Small Entity ☐ Statement filed in prior application,
Statement(s) ☐ Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other: See Cover Letter for
additional documents being
filed with application.

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No: 60 / 053,509

18.

☒ Customer Number or Bar Code Label

(Inst)

021365

PRESS

or ☐ Correspondence address below

label here)

NAME

PATENT AND TRADEMARK OFFICE

Christine A. Gritzmacher, Registration No. 40,627

ADDRESS

CITY

STATE

ZIP CODE

COUNTRY

TELEPHONE

FAX

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

+

09121239-072398

 PTO
 09/12/98
 07/23/98

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTALNote: Effective October 1, 1997.
Patent fees are subject to annual revision.**TOTAL AMOUNT OF PAYMENT (\$)****Complete if Known**

Application Number	to be assigned
Filing Date	July 23, 1998
First Named Inventor	Harvey et al.
Group Art Unit	to be assigned
Examiner Name	Unknown
Attorney Docket Number	GP091-02.UT

METHOD OF PAYMENT (check one)

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number	07-0835
Deposit Account Name	Gen-Probe Incorporated

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐
- Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance

- 2.
- ☒
- Payment Enclosed:

☒ Check ☐ Money Order ☐ Other
FEE CALCULATION**1. FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 790	201 395	Utility filing fee	790.00
106 330	206 165	Design filing fee	
107 540	207 270	Plant filing fee	
108 790	208 395	Reissue filing fee	
114 150	214 75	Provisional filing fee	
SUBTOTAL (1)			(\$ 790.00)

2. CLAIMS

Total Claims	Extra	Fee from below	Fee Paid
20	-20 = 0	X	0.00
3	-3 = 0	X	0.00
Multiple Dependent Claims			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 22	203 11	Claims in excess of 20
102 82	202 41	Independent claims in excess of 3
104 270	204 135	Multiple dependent claim
109 82	209 41	Reissue independent claims over original patent
110 22	210 11	Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		

(\$ 0.00)**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 950	217 475	Extension for reply within third month	
118 1,510	218 755	Extension for reply within fourth month	
128 2,060	228 1,030	Extension for reply within fifth month	
119 310	219 155	Notice of Appeal	
120 310	220 155	Filing a brief in support of an appeal	
121 270	221 135	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,320	241 660	Petition to revive - unintentional	
142 1,320	242 660	Utility issue fee (or reissue)	
143 450	243 225	Design issue fee	
144 670	244 335	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 790	246 395	Filing a submission after final rejection (37 CFR 1.129(a))	
149 790	249 395	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify) A Duplicate Copy of This Sheet is enclosed.

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**SUBMITTED BY**Typed or Printed Name **Christine A. Gritzmacher**

Signature

*Christine A. Gritzmacher*Date **7/23/98****Complete (if applicable)**Reg. Number **40,627**Deposit Account User ID **07-0835**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Box seq A

1c559 U.S. PTO
07/23/98

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:)	
HARVEY, <i>et al.</i>)	Group Art Unit: to be assigned
)	
New Utility Application claiming priority)	Examiner: Unknown
to Provisional Application Serial No. 60/053,509)	
)	Docket No. GP091-02.UT
Filed: July 23, 1998)	
)	
For: METHODS FOR DETECTING AND)	
MEASURING SPLICED NUCLEIC ACIDS)	

COVER LETTER

Attn: Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

July 23, 1998

Sir:

Transmitted herewith are the following documents pertaining to the above-referenced new Utility Application which is claiming priority to Provisional Application Serial No. 60/053,309:

- 1) Utility Patent Application Transmittal (1 pg.);
- 2) Fee Transmittal (1 pg.) (in duplicate);
- 3) Utility Application Cover Sheet (1 pg.);
- 4) Specification (48 pgs. - including Abstract);
- 5) Three Figures/Drawings (3 pgs.);
- 6) Formal Drawing Transmittal (1 pg.);
- 7) Combined Declaration and Power of Attorney - Unsigned (2 pgs.);
- 8) Sequence Listing - Paper Format (7 pgs.);
- 9) Sequence Listing - Diskette (Ascii Dos Text);
- 10) Sequence Listing Statement Under 37 CFR § 1.821 (1 pg.);
- 11) Check in the amount of \$ 790.00 to cover filing;
- 12) Express Mail No. EE090188908US; and
- 13) Return/Stamped Postcard

09121239-072398

COVER LETTER

Filed: July 23, 1998
Atty. Docket No. GP091-02.UT

No further fees are believed due in connection with this filing. However, if Applicant is in error and further fees are required, please debit Deposit Account No. 07-0835 the appropriate amount.

Please direct all correspondence concerning this application to **Christine A. Gritzmacher** at the address below.

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail # EE090188908US in an envelope addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231 on:

Respectfully Submitted,

GEN-PROBE INCORPORATED

Date: July 23, 1998

By: Christine A. Gritzmacher
Christine A. Gritzmacher
Registration No. 40,627

Patent Department
10210 Genetic Center Drive
San Diego, CA 92121
(619)410-8926 (Tel)
(619)410-8928 (Fax)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:)	
HARVEY, <i>et al.</i>)	Group Art Unit: to be assigned
)	
New Utility Application claiming priority)	Examiner: Unknown
to Provisional Application Serial No. 60/053,509)	
)	Docket No. GP091-02.UT
Filed: July 23, 1998)	
)	
For: METHODS FOR DETECTING AND)	
MEASURING SPLICED NUCLEIC ACIDS)	

TRANSMITTAL OF FORMAL DRAWINGS

Assistant Commissioner of Patents
Washington, D.C. 20231

July 23, 1998

Dear Sir:

Enclosed herewith please find Three (3) sheets of formal drawings for the above-referenced application.

No fee is believed due in connection with this submission. If this is incorrect, Applicant hereby authorizes the Commissioner to debit Deposit Account No. 07-0835 the appropriate fees.

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail # EE090188908US in an envelope addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231 on:

Respectfully Submitted,

GEN-PROBE INCORPORATED

Date: July 23, 1998

By: Christine A. Gritzmacher
Christine A. Gritzmacher
Registration No. 40,627

Patent Department
10210 Genetic Center Drive
San Diego, CA 92121
(619)410-8926 (Tel)
(619)410-8928 (Fax)

09121399-072398